IN THE CLAIMS

Please amend claims 1, 2, 5, 8, 9, 12, 15, 16, and 19 as follows:

1. (CURRENTLY AMENDED) A method for indicating available modifications to a geometric object in a computer drawing program, comprising:

displaying a three-dimensional (3D) geometric object in a computer drawing program; and

simultaneously displaying a first oriented ~~three-dimensional~~ 3D grip glyph directly on the 3D geometric object and a second oriented 3D grip glyph directly on the 3D geometric object, wherein the first oriented 3D grip glyph and the second oriented 3D grip glyph provide ~~that provides a~~ direct visual ~~indication~~ indications of valid movement ~~direction~~ directions during direct manipulation of the three-dimensional geometric object using the grip glyphs.

2. (CURRENTLY AMENDED) The method of claim 1 wherein the valid movement ~~direction~~ directions are ~~is a constraint~~ constraints on ~~a~~ permissible ~~action~~actions.

3. (ORIGINAL) The method of claim 1 wherein the first oriented three-dimensional glyph is a grip that has a defined position and an active area within which a pointing device will "snap" to that position.

4. (ORIGINAL) The method of claim 1 wherein an orientation and direction of the first oriented three-dimensional glyph indicate how cursor movement will be constrained.

5. (CURRENTLY AMENDED) The method of claim 1 ~~further comprising displaying a second oriented three-dimensional glyph on the three-dimensional geometric object~~, wherein the second oriented three-dimensional grip glyph is differentiable from the first oriented three-dimensional grip glyph.

6. (ORIGINAL) The method of claim 1 wherein the direct manipulation occurs through user interaction with the computer drawing program.

7. (ORIGINAL) The method of claim 1 further comprising manipulating the three-dimensional object based on direct manipulation of the first oriented three-dimensional glyph in the valid movement direction.

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8. (CURRENTLY AMENDED) A system for indicating available modifications to a geometric object in a computer drawing program comprising:

(a) a computer system having a memory and a data storage device coupled thereto;

(b) a drawing program executing on the computer system, the drawing program configured to:

(i) display a three-dimensional geometric (3D) object; and

(ii) simultaneously display a first oriented ~~three-dimensional~~ 3D grip glyph directly on the 3D geometric object and a second oriented 3D grip glyph directly on the 3D geometric object, wherein the first oriented 3D grip glyph and the second oriented 3D grip glyph provide ~~that~~ provides ~~a~~ direct visual ~~indication~~ indications of valid movement ~~direction~~

directions during direct manipulation of the three-dimensional geometric object using the grip glyphs.

9. (CURRENTLY AMENDED) The system of claim 8 wherein the valid movement ~~direction~~ directions are ~~is~~ a constraint on ~~a~~ permissible ~~action~~actions.

10. (ORIGINAL) The system of claim 8 wherein the first oriented three-dimensional glyph is a grip that has a defined position and an active area within which a pointing device will "snap" to that position.

11. (ORIGINAL) The system of claim 8 wherein an orientation and direction of the first oriented three-dimensional glyph indicate how cursor movement will be constrained.

12. (CURRENTLY AMENDED) The system of claim 8 wherein ~~the drawing program is further configured to display a second oriented three-dimensional glyph on the three-dimensional geometric object, wherein~~ the second oriented three-dimensional glyph is differentiable from the first oriented three-dimensional glyph.

13. (ORIGINAL) The system of claim 8 wherein the direct manipulation occurs through user interaction with the computer drawing program.

14. (ORIGINAL) The system of claim 8 wherein the drawing program is further configured to manipulate the three-dimensional object based on direct manipulation of the first oriented three-dimensional glyph in the valid movement direction.

15. (CURRENTLY AMENDED) An article of manufacture comprising a program storage medium readable by a computer and embodying one or more instructions executable by the computer to perform a method for indicating available modifications to a geometric object in a computer drawing program, the method comprising:

displaying a three-dimensional (3D) geometric object; and

simultaneously displaying a first oriented ~~three-dimensional~~ 3D grip glyph directly on the 3D geometric object and a second oriented 3D grip glyph directly on the 3D geometric object, wherein the first oriented 3D grip glyph and the second oriented 3D grip glyph provide ~~that provides a~~ direct visual ~~indication~~ indications of valid movement ~~direction~~ directions during direct manipulation of the three-dimensional geometric object using the grip glyphs.

16. (CURRENTLY AMENDED) The article of manufacture of claim 15 wherein the valid movement ~~direction is~~ directions are a constraint on ~~a~~ permissible ~~action~~actions.

17. (ORIGINAL) The article of manufacture of claim 15 wherein the first oriented three-dimensional glyph is a grip that has a defined position and an active area within which a pointing device will "snap" to that position.

18. (ORIGINAL) The article of manufacture of claim 15 wherein an orientation and direction of the first oriented three-dimensional glyph indicate how cursor movement will be constrained.

19. (CURRENTLY AMENDED) The article of manufacture of claim 15, ~~wherein the method further comprises displaying a second oriented three-dimensional glyph on the three-dimensional geometric object,~~ wherein the second oriented three-dimensional glyph is differentiable from the first oriented three-dimensional glyph.

20. (ORIGINAL) The article of manufacture of claim 15 wherein the direct manipulation occurs through user interaction with the computer graphics program.

21. (ORIGINAL) The article of manufacture of claim 15 wherein the method further comprises manipulating the three-dimensional object based on direct manipulation of the first oriented three-dimensional glyph in the valid movement direction.